

1 CLAIMS:

- 2 1. An applicator and transfer device comprising:
- 3 (a) a frame having opposite sides;
- 4 (b) a first nip roller rotatably mounted and extending between said sides;
- 5 (c) a first mounting means for mounting a feed roll to said frame;
- 6 (d) a second nip roller rotatively mounted and extending between said
- 7 sides;
- 8 (e) a second mounting means for mounting a feed roll adjacent to said
- 9 frame; and
- 10 (f) actuating means for imparting rotation to at least one of said nip
- 11 rollers.

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13 2. The applicator and transfer device of Claim 1 including means for

14 moving said nip rollers from a first position out of engagement into a second

15 position into engagement with one another.

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17 3. The applicator and transfer device of Claim 1 wherein said mounting

18 means comprises slot means located in the opposite sides of the said frame.

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20 4. The applicator and transfer device of Claim 1 further including feed

21 tray means positioned adjacent said nip rollers.

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2 ^{Sub 1} 5. The applicator and transfer device of Claim 1 further including cut-
3 off means located adjacent to the rear of the nip rollers.

4 6. The applicator and transfer device of Claim 1 wherein the axis of said
5 nip rollers are parallel to one another and wherein one of said nip rollers is
6 forwardly displaced relative to the other nip roller.

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8 7. The applicator and transfer device of Claim 1 further including a first
9 and second roll of feed stock material having support means respectively
10 engageable in said first and second mounting means and further including means
11 for pre-tensioning said rolls to control the rate of discharge of feed stock from the
12 roller.

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~~8.~~ 8. The applicator and transfer device of Claim 1 further including
15 biasing means for maintaining said feed rolls in their respective mounting means.

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~~9.~~ 9. The applicator and transfer device of Claim 2 wherein said means for
18 moving said nip rollers comprises a gibb plate.

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20 10. The applicator and transfer device of Claim 1 wherein said feed rolls
21 ^{Sub 1} are located immediately adjacent the associated nip roll.

- 1 ~~11.~~ An applicator and adhesive transfer device comprising:
- 2 (a) an upper frame member having opposite sides and a lower frame
- 3 member having opposite sides, said upper frame member being
- 4 pivotally connected to said lower frame member;
- 5 (b) a first nip roller rotatively mounted and extending between the sides
- 6 of said upper frame member;
- 7 (c) a first mounting means associated with the upper frame member;
- 8 (d) a second nip roller rotatively mounted and extending between the
- 9 sides of said lower frame member;
- 10 (e) a second mounting means associated with the said lower frame
- 11 member; and
- 12 (f) actuating means for imparting rotation to at least one of said nip
- 13 rollers.

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15 ~~11~~ ¹¹ The applicator and adhesive transfer device of Claim ~~11~~ ¹⁰ wherein said

16 upper frame member is pivotal between a non-actuated position and an actuated

17 position in which the nip rollers are in engagement.

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19 ~~12~~ ¹² The applicator and adhesive transfer device of Claim ~~12~~ ¹¹ further

20 including gear means associated with said first and second nip rollers wherein

21 actuation of one nip roller will impart rotation to the other of said nip rollers.

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~~14.~~ The applicator and adhesive transfer device of Claim ¹⁰~~11~~ wherein said
2 mounting means comprises slot means in said upper and lower frame members and
3 further including first and second feed rolls each having engagement means
4 engageable in said mounting means.

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~~15.~~ The applicator and adhesive transfer device of Claim ¹³~~14~~ wherein said
7 engagement means includes pre-tensioning means for controlling the pay-out of
8 feed material from said rolls.

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10 ~~16.~~ The applicator and adhesive transfer device of Claim 15 wherein said
11 rolls includes a generally cylindrical core having an end plate engaging the opposite
12 ends of said core with projection means engageable in said mounting means and
13 further including means for applying a predetermined force biasing said end plate
14 into engagement with the ends of said roll core.

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~~17.~~ The applicator and adhesive transfer device of Claim ¹⁰~~11~~ further
17 including a feed tray generally aligned with the inner face of the nip rollers when
18 said nip rollers are in said second engaged position.

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~~18.~~ The applicator and adhesive transfer device of Claim ¹⁰~~11~~ further
21 including cut-off means.

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19. The applicator and adhesive transfer device of Claim 11 wherein the

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axis of said second nip roller is displaced from the axis of said second nip roller.

Sub a¹